

Hardik Sachan

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EDUCATION

National Institute of Technology Delhi

2025

B.Tech in Electrical and Electronics Engineering

7.87/10

Delhi Public School Barra, Kanpur

2021

Class XII, CBSE Board

98.8%

EXPERIENCE

Logistics Coordinators

Apr 2023 — Apr 2024

Tech Head

Aug 2023 — Apr 2024

Full Stack Developer

Jun 2023 — Aug 2023

Freelance Web Developer

Apr 2023 — Jun 2023

- Spearheaded the development of FMS (fms.loadlc.com), a cloud-based fleet management platform. Leveraged strong leadership and technical expertise, to deliver a scalable and user-centric platform.
- Re-architected the backend infrastructure, migrating from a non-modular NodeJS environment to a scalable and maintainable **GoLang** solution utilizing **PostgreSQL** & **RabbitMQ** deployed with **Kubernetes** with a custom built CI/CD pipeline.
- Utilized **NextJS**, **Tailwind**, **Drizzle** and other modern technologies to build a robust and visually appealing user interface.
- Developed a performant and user-friendly mobile application for drivers using **Flutter**.
- Led a cross-functional team of developers and designers using Agile methodologies, ensuring on-time and on-budget delivery.

PROJECTS

Autonomous Driving System | B.Tech Minor Project

[Presentation](#)

[Report](#)

[Github](#)

- Implemented deep learning for lane detection with optimized sampling for efficiency.
- Performed semantic segmentation of RGB images for robust lane marking identification under varying conditions.
- Employed Proximal Policy Optimization (PPO) for lane following within the CARLA simulator environment.

Identity Reconciliation API

[Github](#)

- Developed an identity reconciliation service for an e-commerce platform.
- Designed to identify and link customer purchases across different contact information.
- **Technologies Used** — **NodeJS**, **PostgreSQL**, **REST**

Breadit — Reddit Clone

[Github](#)

- Developed an application featuring infinite scrolling for dynamic post loading, and integrated authentication via NextAuth and Google services.
- Implemented optimistic updates for a smooth user experience.
- Designed a post editor with image uploads, link previews, and nested comments.
- **Technologies Used** — **NextJS**, **Tailwind CSS**, **Zod**, **EditorJS**, **RadixUI** (using **shadcn/ui**), **Tanstack Query**, **UploadThing**, **Axios**, **NextAuth**.

SKILLS

Languages — Go, Typescript, Rust, Javascript, Python, Kotlin, Java, PostgreSQL

Web Technologies — ReactJS, NextJS, Drizzle, Express JS, Chakra UI, Tailwind CSS, Tanstack Query

DevOps — Docker, Kubernetes, Git, Crossplane, Prometheus, Linux

Android — Android SDK, Jetpack Compose, SQL Delight, Dagger Hilt, Jetpack Datastore

Software Architecture — TDD, DDD